

ABSTRACT

A device includes a bus, a first transmitter connected to the bus and configured to transmit a first signal over the bus in a first frequency band, a second transmitter connected to the bus and configured to transmit a second signal over the bus in a second frequency band at the same time that the first transmitter is transmitting the first signal, a first receiver connected to the bus and configured to receive the first signal transmitted over the bus in the first frequency band, and a second receiver connected to the bus and configured to receive the second signal transmitted over the bus in the second frequency band. The first frequency band and the second frequency band occupy different portions of the frequency spectrum.